

**PATENT**  
Atty. Docket No. 678-1330 (P11715)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Mail Stop Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**UTILITY APPLICATION DATA SHEET UNDER 37 C.F.R. §1.76**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Youn-Sun KIM, Dong-Hee KIM, Hwan-Joon KWON, Pan-Yuh JOO  
and Ho-Kyu CHOI

For: APPARATUS AND METHOD FOR ESTIMATING A CHANNEL  
CONDITION OF A FORWARD LINK IN A MOBILE  
COMMUNICATION SYSTEM

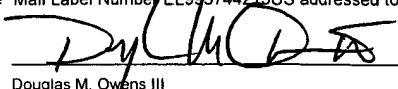
Enclosed are:

- [X] 18 page(s) of specification
- [X] 1 page(s) of Abstract
- [X] 11 page(s) of claims
- [X] 12 sheets of drawings [X] formal [ ] informal
- [X] 2 page(s) of Declaration and Power of Attorney

ASSIGNEE NAME: SAMSUNG ELECTRONICS CO., LTD.  
ASSIGNEE RESIDENCE: GYEONGGI-DO, REPUBLIC OF KOREA

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date January 6, 2004 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL995744213US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Douglas M. Owens III

This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:

FILING DATE

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Certified copy of application

<u>Country</u>	<u>Appln. No.</u>	<u>Filed</u>
<b>REPUBLIC OF KOREA</b>	<b>2003-993</b>	<b>JANUARY 8, 2003</b>

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from which priority under Title 35 United States Code, § 119 is claimed

is enclosed.

will follow.

#### CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee \$770.00
TOTAL CLAIMS	47	27	x 18 =	\$486.00
INDEPENDENT CLAIMS	7	4	x 86 =	\$344 .00
[ ] Multiple Dep. Claim	0	0	290	\$0.00
			<b>TOTAL \$1600.00</b>	

- Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$.

- The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.
- A amount of \$1,600.00 to cover the filing fee is enclosed as a separate check.
- Charge fee to Deposit Account No. 04-1121.  
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- Please charge any deficiency as well as any other fee(s), which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Respectfully submitted,



Paul J. Farrell  
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Attorney for Applicant(s)

Date: January 6, 2004

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